

U.S. Environmental Protection Agency
ENERGY STAR® Labeled Products: Verification Testing
2018 Summary

In order to ensure that ENERGY STAR labeled products meet energy savings expectations on an ongoing basis, a subset of models are subject to verification testing each year.

Verification Testing Rates

ENERGY STAR certified products available for sale in the United States are subject to verification testing to ensure they continue to meet performance requirements. In 2018, 1,792 models underwent verification testing. Table 1 provides a detailed summary of the tested model counts by product category. Additionally, there were 12 Commercial Steam Cooker models tested through the [Component Inspection Program](#) in 2018.

All of these models were tested through verification testing administered by EPA-recognized certification bodies (CBs). Further details on the verification testing process for CBs are available at www.energystar.gov/CBresources.

The overall compliance rate was 97%.

Disqualification

ENERGY STAR certified models that fail to meet ENERGY STAR requirements during verification testing are subject to EPA's disqualification procedures. In 2018, EPA disqualified 59 *unique* models as a result of verification testing. Additional, associated versions of the 59 models were also disqualified. Tables 2a and 2b summarize the 59 unique disqualified models by product category.

The current lists of disqualified models are available at www.energystar.gov/integrity.

Table 1. 2018 Verification Testing Counts by Product Category

Product Category	Number of Models Tested
Appliances	
Clothes Dryers	11
Clothes Washers	14
Dishwashers	17
Lab Grade Refrigerators and Freezers	4
Refrigerators and Freezers	83
Total	129
Commercial Food Service	
Commercial Dishwashers	10
Commercial Fryers	8
Commercial Griddles	5
Commercial Hot Food Holding Cabinets	5
Commercial Ice Machines	4
Commercial Ovens	10
Commercial Refrigerators and Freezers	35
Total	77
Electronics and Office Equipment	
Audio/Video Equipment	15
Computers	89
Displays	57
Enterprise Servers	13
Imaging Equipment	92
Large Network Equipment	1
Set-top Boxes and Cable Boxes	3
Small Network Equipment	4
Telephony	9
Televisions	35
Uninterruptible Power Supplies	20
Total	338
Heating and Cooling	
Boilers	10
CAC ASHP	56
Commercial Boilers	2
Commercial Water Heaters	11
Dehumidifiers	19
Furnaces	51
Geothermal Heat Pumps	22
Light Commercial HVAC	1

Product Category	Number of Models Tested
Room Air Cleaners and Purifiers	68
Room Air Conditioners	19
Water Heaters-Non-Solar	25
Total	284
Home Building Materials	
Windows, Doors, and Skylights	69
Total	69
Lighting and Fans*	
Ceiling Fans	3
Lamps	282
Luminaires	548
Ventilating Fans	25
Total	858
Other	
Pool Pumps	16
Vending Machines	5
Water Coolers	16
Total	37
Total Models Tested	1792

*Decorative Light Strings are tested on an August-July annual cycle and are not included in this report

Table 2a. Number of Models Disqualified in 2018 by Non-Lighting Product Category

Non-Lighting Category	Models Disqualified in 2018
Commercial Ice Machines	1
Commercial Ovens	1
Computers	1
Televisions	2
Windows, Doors, and Skylights	3
Total	8

Please note that models *disqualified* in 2018 may have failed verification testing in a previous VT year.

Table 2b. Number of Models Disqualified in 2018 by Lighting Product Category

Lighting Category	Models Disqualified in 2018
Lamps - LED	33
Luminaires	18
Total	51

Please note that models *disqualified* in 2018 may have failed verification testing in a previous VT year.